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ABSTRACT

This report, prepared at the request of an informal Maryland higher education workgroup called "A United Voice for Higher Education," is a summary of various campus collaborative activities. Activities were grouped in the following categories: academic, including joint degree programs, articulation programs, and distance learning partnerships; shared centers and facilities; shared administrative activities; grant-funded projects; K-12 partnership programs; and business and government training programs. Reports were received from 18 community colleges, including: Allegany, Anne Arundel, Baltimore City, Carroll, Catonville, Cecil, Charles County, Chesapeake, Dundalk, Essex, Frederick, Garrett, Hagerstown, Harford, Howard, Montgomery, Prince George's, and Wor-Wic. Reports from 13 four year-public institutions include: Bowie State University, Coppin State College, Frostburg State University, Salisbury State University, Towson State University, University of Baltimore, University of Maryland at Baltimore, University of Maryland Baltimore County, University of Maryland College Park, University of Maryland Eastern Shore, University of Maryland University College, Morgan State University, and St. Mary's College of Maryland. Also included are data from nine independent institutions: Capitol College, Goucher College, Hood College, Johns Hopkins University, Loyola College, Mount St. Mary's College, College of Notre Dame, Villa Julie College, and Washington College; and three private career schools: Arundel Institute of Technology, Broadcasting Institute of Maryland, and Medix School. (CH)

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MARYLAND HIGHER EDUCATION COMMISSION

ED 404 970

A SURVEY OF

COLLABORATIVE PROJECTS OF

MARYLAND POSTSECONDARY INSTITUTIONS

May 1996

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A Survey of Collaborative Projects of
Maryland Postsecondary Institutions

Background

The Maryland higher education community has created an informal workgroup "A United Voice for Higher Education." Comprised of representatives from all segments of higher education, United Voice's goal is to communicate through meetings with the Governor and key legislators and through media activities that Maryland colleges and universities are supportive of the governor's higher education priorities.

At a meeting of United Voice, interest was expressed in developing a list of the various activities in which colleges and universities are working together. Dr. Patricia S. Florestano, Secretary for Higher Education, was asked whether the Maryland Higher Education Commission would be willing to survey campuses about this issue and prepare a report of the results. After consulting with the segment heads and receiving enthusiastic support, the Commission staff surveyed the public and independent colleges and universities and private career schools to determine the extent of collaborative campus projects. The response was positive. All public two- and four-year institutions responded. Replying from the independent sector were Capitol College, College of Notre Dame, Goucher College, Hood College, Johns Hopkins University, Loyola College, Mount St. Mary's, Villa Julie College, Washington College and Western Maryland College. Three private career schools, Arundel Institute of Technology, Broadcasting Institute of Maryland and the Medix School, also indicated collaborative activities.

Summary of Campus Collaborative Activities

The number and variety of campus joint ventures are impressive. Campus activities have been grouped in the following categories:

- Academic Activities
  - Joint Degree Programs
  - Articulation Programs,
  - Distance Learning Partnerships,
- Shared Centers and/or Facilities,
- Shared Administrative Activities,
- Grant-Funded Programs,
- K-12 Partnership Programs, and
- Business and Government Training Programs.

An overview of the ventures in each of these categories follows, along with a description of the collaborative activities at each campus and a summary table.

Academic Activities

Joint Degree Programs

The extent of programmatic cooperation between institutions was overwhelming. Every public four-year institution reported that they are collaborating with another institution on offering a joint degree program. Most of the community colleges and independent institutions also reported joint programs. Some examples include the Physical Therapy Assistant Program offered by Anne Arundel, Chesapeake and Charles community colleges which is offered jointly by the three institutions through a consortium. The general education courses and clinical work are taken locally and the physical therapy courses are taken at Anne Arundel. In addition, some of the physical therapy courses are to be offered through the Maryland Interactive Distance Learning Network. The University of Maryland at Baltimore (UMAB) and University of Maryland Baltimore County (UMBC) have combined resources to form the University of Maryland Graduate School which offers graduate education, research, scholarly activity and technology transfer by utilizing the faculty and students from both institutions. Mount St. Mary's College and Johns Hopkins University offer a dual degree program in nursing which allows a student to earn undergraduate degrees from both institutions over a five-year period.

Articulation Programs

The community colleges have made extensive efforts to develop articulation agreements with four-year institutions beyond the traditional transfer programs. Garrett Community College and Frostburg State University offer an articulated program in Adventuresports. Garrett offers the only adventuresports degree in the nation. All Frostburg bachelors degree students majoring in recreation with an emphasis on adventuresports must take all their adventuresports courses at Garrett. Frederick and Carroll Community Colleges have articulation agreements with Hood College where graduates will be able to transfer 60 semester hours to Hood. Montgomery College and Hood have a 2+3 dual enrollment and articulation agreement which allows students to earn associate's, bachelor's and master's degrees in five years of full-time study. Anne Arundel and University of Maryland Eastern Shore (UMES) have an articulation agreement for the Hotel and Restaurant Management program.

Private career schools have also established articulation agreements with several community colleges. Arundel Institute of Technology which offers electronics programs has articulation agreements with several Baltimore metropolitan area community colleges. The Broadcasting Institute of Maryland has articulation agreements with Essex and Cecil community colleges. The Medix School has a course-to-course articulation agreement with Baltimore City Community College.

Distance Learning Partnerships

Use of various distance learning technologies has grown. Maryland's higher education institutions are working together to take full advantage of the cost saving opportunities and the chance to offer greater access to programs that these technologies bring. Western Maryland postsecondary institutions offer a variety of courses, meetings, and training sessions over their network. Anne Arundel and Howard Community College's English and Foreign Language divisions are cooperating in developing a distance learning program that will offer intermediate level courses that are often canceled due to low enrollments. The University of Maryland College Park (UMCP) uses its AT&T Teaching Theater to broadcast NetWare User Group meetings via the Internet to various UMS campuses.

Shared Centers and/or Facilities

Maryland higher education institutions are increasingly taking their courses and programs to locations off their main campus. For example, the Higher Education and Applied Technology (H.E.A.T.) Center, the Southern Maryland Higher Education Center, and the University of Maryland Downtown Center are offering undergraduate and graduate courses and programs. At the H.E.A.T. Center, the College of Notre Dame, Loyola College, Morgan State University, Towson State University, University of Baltimore, UMAB and UMCP offer undergraduate degrees in business, nursing, education, and engineering and masters programs in business administration, education, corporate communication, criminal justice, nursing and engineering.

In addition to these higher education centers, community colleges are working with four-year institutions to offer upper level undergraduate courses on their campuses. For example, Anne Arundel Community College and UMES and University of Maryland University College (UMUC) have entered into agreements whereby upper level UMES hotel and restaurant management courses and several UMUC courses can be offered at Anne Arundel's main or branch locations. Chesapeake College, UMES and Salisbury State University have a similar arrangement as do Catonsville Community College's Hunt Valley Center and Towson State University and UMBC.

Library collections are another area where Maryland colleges and universities are cooperating. The University of Maryland System libraries are linked together through a common public access catalogue system and the collections are available to students from any campus through inter-library loans. The University of Baltimore School of Law coordinates appropriate library purchases with UMAB School of Law. Carroll Community College and Western Maryland College have installed an integrated library catalogue system. The College of Notre Dame and Loyola College have a joint library. In addition, all of the two-year institutions are members of the Maryland Community College Library Consortium.

Shared Administrative Activities

Both the University of Maryland System institutions and several independent institutions reported joint administrative activities. The variety of administrative programs at these institutions demonstrate the degree to which institutions can cooperate on such activities as automobile management, risk pooling and faculty orientation. For example, Bowie State University is the location of the UMS Service Center which supports administrative data processing at five UMS institutions. UMCP offers construction management assistance and automobile fleet management to UMS institutions. College Park also originates contracts for travel services, computers, and office equipment in which other UMS institutions may participate. UMES and Salisbury have established a common academic calendar; coordinated shuttle bus schedules and class starting times; joint summer seminars; cross registrations between institutions; and employed a Director of Collaborative Programs. In the independent sector Loyola and Notre Dame have a cooperative vending agreement and are exploring the possibilities of risk pooling for insurance purposes.

Grant-Funded Programs

Maryland institutions have taken advantage of the expertise across institutions in their efforts to compete for research projects. UMCP, UMBC, and three community colleges (Howard, Montgomery, and Prince George's) are participating in a National Institute of Health grant intended to increase minority access to biomedical fields through internships. The Ecology of the Bay program, funded by the National Science Foundation, is a collaborative program between Charles, Essex and Prince George's Community Colleges and two out-of-state community colleges which combines faculty enhancement and curriculum development. In addition, UMAB collaborates with a variety of colleges and universities in many grant funded projects.

K-12 Partnership Programs

Most public institutions and several independent institutions reported collaborative activities with public elementary and secondary schools. All segments of higher education are playing an important role in Maryland teacher education reform by establishing professional development schools in most jurisdictions. Several community colleges reported that they were engaged in Tech Prep programs with local school systems to help prepare high school students for the increasing demands of the job market. Colleges and universities also have combined their efforts to provide early intervention services and to recruit minority students into teaching. For example, Project PRIME is a collaborative program between several Baltimore area institutions (Morgan State University, Johns Hopkins University, Loyola College, Coppin State College, Towson State University, College of Notre Dame, Baltimore City Community College, Dundalk Community College) and Baltimore City public schools. Project PRIME is comprised of eight programs aimed at recruiting minority students for teaching, beginning with interventions in middle and/or high school. Salisbury and UMES have collaborated to provide early intervention services to economically and environmentally disadvantaged middle school students who are drop out risks.

Business and Government Training Programs

Most community colleges reported collaborative efforts which provide training programs to business and government. For example, Anne Arundel, Catonsville, Howard, Montgomery and Prince George's community colleges have jointly formed an agreement with United Parcel Service to hold college-credit classes for their employees at UPS job sites in the counties served by these colleges. Charles County Community College has formed a statewide network of community colleges to provide training courses which will qualify basic and advanced level water/wastewater facilities operators and superintendents to meet certification and recertification requirements. Anne Arundel, Baltimore City, Catonsville and Essex Community Colleges created a collaborative program for personal computer training for employees at the Maryland Department of Transportation. Wor-Wic Community College is a subcontractor for a contract between Essex and the Maryland Department of Business and Employment Development to provide one-day workplace safety training. In Western and Southern Maryland, Small Business Development Centers have been established which draw upon the expertise of two- and four-year public institutions to provide management consulting services to area small business owners.

Summary of Collaborative Projects of
Maryland Postsecondary Institutions

Community Colleges

Allegany College

Allegany College is engaged in a variety of collaborative activities ranging from planning faculty development programs to implementation of regional training programs for private industry. The College is a member of the Regional Education Service Agency (RESA). RESA is a consortium of all higher education institutions and public school systems in Western Maryland. The purpose of the agency is to pursue the common goals through cooperation. The RESA board consists of the presidents of Allegany College, Garrett Community College, Hagerstown Jr. College and Frostburg State University. Allegany is also actively engaged in distance learning.

Anne Arundel Community College

Anne Arundel Community College (AACC) has established several joint agreements with other community colleges to offer training and credit programs for private industry. Examples include a joint credit program between Anne Arundel, Catonsville, Howard, Montgomery and Prince George's community colleges for United Parcel Service Employees These institutions have agreed to hold college level classes for UPS employees at UPS job sites in the counties served by these colleges. Another example is an agreement between Anne Arundel and Charles County Community College to provide a state-wide network of training courses for water/wastewater facilities operators and superintendents. Anne Arundel also has a program articulation agreement with the University of Maryland Eastern Shore (UMES) for its Hotel and Restaurant Management program. In addition to smooth transition to the UMES baccalaureate program, this agreement allows UMES to offer junior and senior level hotel/restaurant management courses on the AACC campus. AACC and University of Maryland University College (UMUC) have forges an agreement which permits UMUC to conduct upper level undergraduate courses at the AACC campus and the AACC center at Meade High School.

Baltimore City Community College

Baltimore City Community College (BCCC) is very active with other public and private four-year institutions in collaborative projects designed to encourage minorities into science and mathematics fields and teaching. Project Prime program is comprised of eight component programs aimed at recruiting minority students for teaching careers. Partners in Project Prime include: Morgan State University (MSU), Johns Hopkins University (JHU), Loyola College, Coppin State University, Towson State University, College of Notre Dame, BCCC, Dundalk Community College and Baltimore City Public Schools. The Academic Champions of Excellence (ACE) program is designed to encourage and enable minority youth to prepare

for careers in science and mathematics. Partners in this program include: Baltimore City and Prince George's County public schools, local businesses, Morgan, Hopkins, University of Maryland College Park (UMCP), Notre Dame, Towson, Loyola, Dundalk, Coppin and BCCC. In addition, BCCC has instituted programs with Morgan State University and Coppin State College to assist Baltimore City high school students who do not meet the admission standards of these institutions.

Carroll Community College

Carroll Community College (CCC) has established two unique programs with area private four year institutions. First, a co-admissions program has been developed with Western Maryland College (WMC). WMC will automatically accept Carroll students' two-year program, which has been monitored by guidance counselors to meet WMC requirements, into their baccaulearate program. WMC, CCC and Carroll County Public Library have also installed an integrated library information system with the goal of linking the holdings of each library. Second, an articulation agreement has been established between Carroll and Hood College. In addition, CCC and Hood have initiated a "Course Exchange Program" which will allow students from either institution to enroll in the other without a differential payment.

Catonsville Community College

Catonsville Community College has established collaborative agreements with three public universities for use of its Hunt Valley Center. Towson, University of Baltimore (UB) and University of Maryland Baltimore County (UMBC) utilize the center for providing graduate and undergraduate courses. Each semester, Towson holds four to five upper level undergraduate courses, UB schedules one to two MBA classes and UMBC provides a special continuing education course. Catonsville is a subcontractor on a UMCP grant to develop Community-Responsive, Consumer-Driven Rehabilitation Training. Through this grant, Catonsville will design and deliver an AA human service curriculum with a concentration in community rehabilitation training for first line personnel. Additionally, Catonsville is offering telecourses and interactive video in partnership with other area community colleges.

Cecil Community College

Cecil Community College is an active participant in the H.E.A.T. (Higher Education Applied Technology) Center. Through the H.E.A.T. Center, Cecil has articulated programs with Notre Dame, Towson, UB, Morgan, and UMAB. Cecil and Harford community colleges collaborate in a CADD (Computer Aided Drafting and Design) Program, Automotive Technology program, Pre-engineering program, Automotive Technology Tech-Prep Program (for Cecil County public schools) and an Upper Bay maritime Museum project.

Charles County Community College

Charles County Community College (CCCC) has established the Southern Maryland Small Business Development Center Network (SBDC) in partnership with the Department of Business and Economic Development, Anne Arundel Community College, UMBC, Salisbury State University, Garrett Community College, Hagerstown Jr. College and UMCP. The SBDC is designed to provide professional business counseling and assistance to pre-business entrepreneurs and existing small business owners. SBDC works with clients to produce practical solutions to business problems. In addition, SBDC sponsors workshops, provides a business resource library and offers access to worldwide databases on public/private technology, services and expertise. CCCC is also the location for the Maryland Center for Environmental Training which offers, through other Maryland community colleges, certification training for water and waste water management employees.

Chesapeake College

Chesapeake College, Anne Arundel and Charles community colleges jointly offer a Physical Therapy Assistant program. For this program, the general education courses and clinical work are done locally and the physical therapy courses are taken at Anne Arundel. The College also has a cooperative program with Essex Community College in Medical Laboratory Technology. Chesapeake, UMES and Salisbury State University have entered into agreements for these institutions to offer upper division and graduate courses at the main campus or at branch centers through the Maryland Interactive Distance Learning Network.

Dundalk Community College

Dundalk Community College (DCC) is active in numerous administrative and academic collaborative projects. Examples of administrative partnerships include: book store agreements, leadership workshops, and Career Connection School-to-Work project with UMBC, Villa Julie, Catonsville and Essex community colleges and Baltimore County Public Schools. The DACUM Resource Center at DCC provides training for other postsecondary institutions in the uses of the DACUM (Developing A Curriculum) and provides job-analysis services and training program development to business and industry clients across the State. The Center is also working with the Maryland State Department of Education in updating State-wide vocational programs at the secondary level.

Essex Community College

Essex Community College has established articulation agreements with UMBC, Towson Chesapeake College and Johns Hopkins University. A transfer pattern program for nuclear medicine technology and diagnostic medical sonography have been developed in conjunction with Johns Hopkins and a cooperative agreement between Essex and the UB been instituted to facilitate students' completion of a baccalaureate program in criminal justice. All three Baltimore County community colleges are cooperatively developing a tri-college computerized Student Information System and are sharing resources in administering the "Displaced Homemakers" grant.

Frederick Community College

Frederick Community College (FCC) is a member of the Frederick Alliance for Creative Education (F.A.C.E.). F.A.C.E. is a consortia of presidents and leaders of Frederick County Public Schools, FCC, Hood College, Mount St. Mary's College and Maryland School for the Deaf. Innovations have included open campus enrollment at FCC for high school juniors and seniors and credit exchange courses which allows students of area colleges to take courses not offered at their institution at one of the others with full credit accorded. Frederick is also a member of the Western Maryland Multimedia Consortium, a collaboration involving Allegany, Garrett, Hagerstown and FCC to provide distance learning professional training and information sharing to help participants gain presentation skills required by new technologies.

Garrett Community College

Garrett Community College (GCC) and Frostburg State University (FSU) jointly offer an articulated degree program in Adventuresports. All Frostburg bachelors degree candidates in recreation, adventuresports emphasis must earn an associate degree in adventuresports and take all their adventure courses through Garrett. The Institute of Applied Agriculture (IAA) at UMCP and Garrett jointly offer a unique program whereby students earn an IAA certificate and an associate degree in Agricultural Management Technology without leaving Garrett County. GCC's transfer programs are fully articulated with Frostburg. In addition, GCC is a member of the Western Maryland Distance Education Network.

Hagerstown Junior College

Hagerstown Junior College (HJC) has a number of cooperative projects underway with both two- and four-year institutions which utilize various distance learning technologies. For example, HJC and UMCP, UMBC and Capitol College are cooperative offering engineering or engineering technology courses. UMUC offers computer science and business management courses at HJC through a statewide microwave link. FSU and Hagerstown offer shared courses in business via fiberoptic interactive video. HJC, Allegany and Garrett Community Colleges and FSU comprise the Western Maryland Staff Development Consortium which makes extensive use of the fiberoptic Maryland Interactive Distance Learning Network. HJC

also has a shared Associate degree in fire science and construction technology with Montgomery College.

Harford Community College

The H.E.A.T. Center, operated through Harford Community College, offers baccalaureate and graduated programs in support of the economic development and educational goals of the region. The focus is on business and technology development and enhancement which also builds a base for technology transfer and expanded career and upward mobility opportunities for the northeastern Maryland region. Notre Dame, Loyola, Morgan, Towson, UB, UMAB and UMCP offer programs at the H.E.A.T. Center. Harford has several administrative and academic cooperative agreements with Cecil Community College and articulated degree programs with Essex Community College. In addition, Harford has established a library partnership with Lincoln College/Eastern Christian College.

Howard Community College

Howard Community College (HCC) has an agreement with Johns Hopkins University, Applied Physics Laboratory to provide on-site computer networking and application training support for APL employees. Howard provides distance learning technical courses in computer networking and applications support at UB in exchange for upper level business courses at HCC through distance learning. Loyola College is using Howard as a satellite campus to offer their four science courses for students enrolled in Loyola's MS in Education with science emphasis program. Howard and Anne Arundel English and Foreign Language divisions are working together to develop a distance learning program that will better serve students at both campuses and hopefully negate the need for canceling intermediate level foreign language courses because of low enrollments.

Montgomery College

Montgomery College (MC) and Hagerstown have an articulation agreement through which MC offers credit fire science courses at HJC. Montgomery and Hagerstown also have a "Three Way Tech-Prep" agreement with Washington County Public Schools which permits technical students in high school programs to continue in an AAS degree program through concurrent enrollment at MC and HJC. Montgomery and Hood College have a 2+3 dual enrollment and articulation agreement which allows students to earn associate's, bachelor's and master's degrees in five years of full-time study. MC also participates in the National Institute of Health BioMap project with Prince George's and Howard. The objective of this project is to help increase the number of minorities in biological sciences.

Prince George's Community College

Prince George's Community College (PGCC) and UMBC's mechanical engineering department are collaborating on a National Science Foundation (NSF) sponsored Software for Engineering Technology Workshop for engineering technology faculty. PGCC and UMBC also collaborate on the CREST (Combing Resources in Engineering, Science, and Technology) program. In its 9th year, this program supports in service training for over 10,000 teachers annually. As the lead institution, PGCC is working with UMCP and the University of Maryland's Chesapeake Biological Laboratory on a summer research program for talented 10th and 11th grade students from the region. As the leader for a national effort, PGCC, UMBC, UMCP and Morgan State University have formed partnerships with 12 community colleges across the US and with NASA to support curriculum development for community college faculty. PGCC, Bowie State University and the Prince George's County Public School System are working together on a NSF grant to strengthen teacher content and methodology and student outcomes.

Wor-Wic Community College

Wor-Wic Community College, Chesapeake and Anne Arundel are planning to sponsor a special series on managed care for nurses and health care professionals. In addition, Wor-Wic is a member of the Maryland Community College Consortium for Continuing Education in Nursing whose purpose is to facilitate approval for and cooperate in offering nursing continuing education courses through the auspices of the American Nurses Credentialing Center. Wor-Wic collaborates with Salisbury and UMES for library services and articulated academic programs. A collaborative distance learning agreement has been sign by these three institutions which will allow institutional distance learning equipment and infrastructure availability to the other institutions,

Summary of Collaborative Projects of
Maryland Postsecondary Institutions

Four-Year Public Institutions

Bowie State University

In addition to dual degree relationship with the University of Maryland at Baltimore School of Pharmacy, Bowie State University (BSU) has several collaborative administrative projects with other University of Maryland System institutions. For example, Bowie is the home of the University of Maryland System (UMS) Service Center - an administrative data processing development center shared with five other UMS institutions. UMCP is providing planning and construction management assistance to Bowie for new facilities and current facility renovation. Relationships have also been established with College Park to utilize second hand or recycled equipment and with purchasing specialized equipment such as pagers and telephones. Bowie procures office supplies through a contract negotiated by UMAB.

Coppin State College

Coppin State College offers credit and non-credit programming through the University of Maryland System Downtown Center. Coppin also has a faculty development program with the University of Baltimore which focuses on undergraduate education in the liberal arts and in business. Coppin has cooperative programs in dentistry and pharmacy with UMAB and social work with UMBC. Coppin, Morgan, and UMBC have a dual degree engineering program. Coppin has teamed up with Towson State University, UMBC, Bowie, Morgan, UMCP, BCCC, Catonsville and Prince George's community colleges to assist Baltimore City public schools students make the transition from high school to college.

Frostburg State University

Frostburg State University and the University of Baltimore have created a dual degree Bachelors/Juris Doctor program where students may attain and undergraduate and a law degree in six years instead of the average seven years. FSU is also using distance learning techniques to provide educational programming to Western Maryland. One such example is the Master's level program in Rehabilitation Services. In conjunction with UMAB and Towson State University, FSU offers students components of the program including nursing, physical therapy, social work and occupational therapy. FSU and Garrett Community College have a collaborative program in Adventuresports/Recreation and Allegany College and FSU have also combined to offer continuing education business development seminars. FSU and Western Maryland Community College are also collaborating to coordinate academic computing activities.

Salisbury State University

Salisbury State University (SSU) and the University of Maryland Eastern Shore have established the Coordination Committee for Collaboration and Director of Collaborative Programs which facilitates the following activities: shared faculty and staff positions, new faculty orientations, faculty development workshops, faculty summer seminars, faculty social events, a mobile biology laboratory, a cooperative applied business learning program, a cooperative program development in Education, Physical Education, Sociology, Chemistry and Physics, shared use of library and recreational facilities and collaborative student and faculty art exhibits. Academic programs shared with UMES are dual degree programs in Biology and Environmental Marine Science, and Social Work and Sociology. A community service program that SSU and JHU School of Hygiene and Public Health are collaborating on is assessing adolescent health of Wicomico, Worcester and Somerset county residents.

Towson State University

Towson State University is actively engaged in offering programs at off-campus locations including the UMS Downtown Baltimore Center, the H.E.A.T. Center in Harford County and the Southern Maryland Higher Education Center. A masters in education is offered at the H.E.A.T. Center and the Southern Maryland Center. Towson also offers a 2+2 program in Law Enforcement with all community colleges that offer a law enforcement program and a 2+2 Physicians Assistant program with Essex. Morgan and Towson have a collaborative master's level reading program. Towson is the location of the Center for Urban Education whose purpose is to provide services to Baltimore City public schools. Most Baltimore area colleges and universities collaborate in this project.

University of Baltimore

The University of Baltimore and Coppin are collaborating on the Baltimore History Project which includes a conference entitled Making Diversity Work - 250 Years of Baltimore History and a lecture series. UB and UMAB have a joint JD/MBA and a MBA/MS/Ph.D. program with the School of Nursing. UB's School of Law and the UMAB School of Law coordinate library purchases and work together cooperatively in clinical education.

University of Maryland At Baltimore

The University of Maryland at Baltimore is involved extensively with other Maryland colleges and universities. UMAB is currently involved in 22 joint academic degree or certificate programs with other Maryland post-secondary institutions; most notably, the University of Maryland Graduate School which combines the resources of both UMAB and UMBC. There are 84 joint faculty appointments, a majority of which involve the UMAB and UMBC Social Work faculty who are members of a single School of Social Work and are eligible to each on both campuses. UMAB faculty have joined with faculty from other disciplines across the state to conduct interdisciplinary research. UMAB is also involved in collaborative service initiatives. Examples include: the Dental School providing a dental clinic at UMCP and

Social Work faculty serving as mentors for Coppin undergraduates. UMAB and other Baltimore area higher education institutions are actively involved in the Baltimore Empowerment Zone program.

University of Maryland Baltimore County

University of Maryland Baltimore County is involved in over 25 joint academic degree or certificate programs. For example, UMAB and UMBC offer joint programs in Biochemistry, Molecular and Cell Biology, Medical and Research Technology and Applied and Professional Ethics. UMBC is the home of the Shriver Center Higher Education Consortium which involves BCCC, UMAB, UB, Coppin, Morgan, Johns Hopkins, Goucher, Loyola and Villa Julie. The purpose of the Shriver Center is to promote academically based community service work by students and colleges in four areas: human needs, education, environment and public safety. UMCP and UMAB jointly use Nuclear Resonance Spectroscopy equipment in UMBC's Center for Structural Biochemistry. Other collaborative projects include study abroad programs, teacher preparation programs, ROTC and the Student Literacy Corps project.

University of Maryland College Park

The University of Maryland College Park's collaborative activities range from informal impromptu collaboration among researchers to long-established and widely-know projects in cooperation with the Agricultural Extension Service to formally-established joint programs such as the program in Marine-Estuarine-Environmental Sciences. UMCP is involved in a number of administrative projects and provides several administrative services to other UMS institutions. For example, UMCP operates a construction management center that serves Bowie, FSU, UMES, Salisbury, and UMUC. College Park also serves as the systemwide coordinator for travel services and as the systemwide Fleet Administrator for motor vehicles. UMCP and other institutions are also involved in collaborative activities with K-12 schools. One example is the UMCP, CEES and Salisbury cooperative Internet Resource Center for K-12 Science and Ecology which allows real-time linkages to Chesapeake Bay Data. Howard, Montgomery and Wicomico County Public Schools use this center.

University of Maryland Eastern Shore

The University of Maryland Eastern Shore is in partnership with Salisbury in a variety of areas including degree programs, joint faculty workshops, new faculty orientations, summer faculty seminars, collaborative scheduling, shuttle buses, unified library access and cross registration. Collaborative efforts with other post-secondary institutions include: the Alliance for Minority Participation with UMBC, the Maryland Collaborative for Teacher Preparation with UMCP, an Honors Program with UMAB and a five-year degree program in Marine Sciences with CEES.

University of Maryland University College

The University of Maryland University College offers upper level courses at Anne Arundel and Prince George's community colleges. UMUC is also involved in a joint venture in a shared regional center with Charles Community College. Joint programs include at the bachelor's level Hotel an Restaurant Management with UMES and the master's level engineering management with UMBC and software engineering with UMCP. UMUC is also involved in the Diverse Students Program with Prince George's and Charles County community colleges. The purpose of the program is to identify barriers faced by minority students in their access to and success in higher education and test means of reducing or removing those barriers.

Morgan State University

Morgan State University, BCCC, Notre Dame, Coppin, Dundalk, Johns Hopkins, Loyola and Towson are partners in Project PRIME, whose goal is to encourage minority youth to enter the teaching profession, particularly in mathematics and science fields. Morgan and area community colleges participate in the Connect Program which allows students not admissible to Morgan as freshmen to complete certain general education courses at a community college and then transfer to Morgan. The University also has a Chemistry Partnership program with Hopkins where Morgan students can apply for JHU summer intership programs. Morgan, Towson and Hopkins are involved in the Baltimore Urban Systemic Initiative whose purpose is to improve scientific and mathematical literacy of all Baltimore City public school students and to encourage the pursuit of careers in math, science, engineering, and technology.

St. Mary's College of Maryland

St. Mary's College reported three very diverse collaborative efforts. First, the College is a member of the Solomons Environmental and Archaeological Research Consortium (SEARCH), a group that fosters research and education in history, archaeology, environmental studies and cultural studies. Participating with St. Mary's is the University of Maryland Center for Environmental and Estuarine Studies. The second project involved adding the St. Mary's College library to the UMS public access library catalog. The third project is an exchange program with Johns Hopkins University by which St. Mary's accepts Hopkins doctoral degree students as teachers in visiting positions at the College in exchange for St. Mary's students taking a term at Hopkins.

Summary of Collaborative Projects of
Maryland Postsecondary Institutions

Independent Institutions

Capitol College

Capitol College, Montgomery College and Charles County Community College are connected via a distance learning network. Fire Science courses and upper-level engineering technology courses are currently offered over the network.

Goucher College

Goucher College and Johns Hopkins University have a 3+2 program in engineering: students spend three years at Goucher pursuing a BA in a science field, then two years at JHU receiving a BS from the Whiting School of Engineering. Goucher and Hopkins also have a joint program in Russian. Undergraduate cooperation in education, in which education faculty from Goucher, Notre Dame and Loyola collaborate to offer an array of methods courses for teaching secondary education. Goucher, Hopkins, Loyola, Notre Dame, Baltimore Hebrew University, Morgan, Towson and Maryland Institute College of Art participate in a course exchange in selected undergraduate courses.

Hood College

Hood College was the principal organizer of the Maryland Interlibrary Consortium in which Loyola, Notre Dame and Mount St. Mary's are members. Under a Community College Exchange agreement, full-time undergraduates at Hood, Carroll, Frederick or Hagerstown may enroll without additional cost in one course per semester at any of the other participating institutions. Hood has established a formal articulation agreement with Montgomery College, through which students earn both baccalaureate and advanced degrees.

Johns Hopkins University

The various schools of Johns Hopkins University are involved in a number of collaborative projects. For example, the School of Nursing offers a joint Nursing Research Conference with UMAB. The School of Medicine has joint training programs with UMAB in plastic surgery, pediatric surgery and urology. Peabody Institute and the Maryland Institute College of Art undergraduate and graduate students work in collaborative ensembles to develop a series of performance-art pieces. The School of Arts and Sciences sponsors the Hughes Summer Research Fellowships for Minorities where up to twelve fellowships are available to undergraduates from Coppin and Morgan to spend the summer conducting research in biological and related sciences at Hopkins. The School of Continuing Studies,Towson, UMCP and Bowie are working together to establish a Professional Development School for the preparation of teachers.

Loyola College

Loyola College and the College of Notre Dame jointly built and presently operate their library. In addition, these two institutions combined to effect a cooperative vending agreement, are examining risk polling for insurance, and participate in an inter-institutional cooperative course exchange program with other area postsecondary institutions whereby a full-time student may take a course at one of the other colleges with no additional charge if the course is not offered at the home college. In addition to Loyola and Notre Dame, Goucher, JHU, Maryland Institute College of Art, Morgan, Peabody and Towson participate in this program.

Mount St. Mary's College

Mount St. Mary's , Frederick Community College and Frederick County Public School System are working together to begin a Professional Development School for future teachers. Mount St. Mary's is a member of the Frederick Alliance for Creative Education whose first priority is to ensure that all young people of Frederick County complete high school are offered realistic opportunities to graduate from college or technical school. Other members are: FCC, Hood, Maryland School for the Deaf and Frederick County Board of Education. The College also offers a dual degree program with Johns Hopkins University in nursing.

College of Notre Dame

In addition to the joint College of Notre Dame/Loyola College projects described above, Notre Dame has a dual BA/BS degree program in engineering with the University of Maryland, a dual BA/BS degree program in nursing and engineering with Johns Hopkins University, a BA completion program at the H.E.A.T. Center in Harford county and participates as a partner in The Shriver Center at UMBC.

Villa Julie College

Villa Julie College is a member of The Shriver Center at UMBC, cooperatively offers a baccalaureate nursing program with Union Memorial Hospital and is cooperating with Harford Community College to offer bachelor's degree programs at the H.E.A.T. Center.

Washington College

Washington College offers two dual degree programs: 1) Johns Hopkins University School of Nursing and 2) the University of Maryland College of Engineering. The College has articulation agreements with Chesapeake, Prince George's and Anne Arundel community colleges. There is also a joint program with the College of Journalism at UMCP. In addition to these programs, Washington College is a member of several state, regional and national organizations along with other Maryland postsecondary institutions.

Summary of Collaborative Projects of
Maryland Postsecondary Institutions

Private Career Schools

Arundel Institute of Technology

Arundel Institute of Technology has articulation agreements with Anne Arundel, BCCC, Catonsville, Dundalk and Essex Community Colleges.

Broadcasting Institute of Maryland

Broadcasting Institute of Maryland has articulation agreements between Cecil and Essex Community Colleges.

Medix School

Medix School has an articulation agreement with Baltimore City Community College. Medix also has a contract with the UMAB Dental School where Medix students spend 150 hours working with UMAB dental students.

Collaborative Campus Activities and Projects
A Summary of a Maryland Higher Education Commission Survey of
Maryland Public and Private Post-Secondary Institutions

College	Joint Degree Programs	Articulation Programs	Distance Learning Partnerships	Shared Centers or Facilities	Joint Administrative Activities	Grant-funded Programs	K-12 Partnerships	Business/Gov't Programs
Community Colleges								
Allegany		X	X	X	X			X
Anne Arundel	X	X	X	X		X	X	X
Baltimore City		X	X				X	X
Carroll		X	X	X				X
Catonsville	X	X	X	X			X	X
Cecil	X	X		X			X	
Charles	X	X		X				X
Chesapeake	X	X	X	X				
Dundalk		X	X			X	X	X
Essex	X	X			X	X	X	X
Frederick			X	X			X	
Garrett	X	X	X					
Hagerstown		X	X	X		X	X	X
Harford	X	X	X	X			X	
Howard	X	X	X	X				X
Montgomery		X	X	X		X	X	X
Prince George's		X		X		X	X	X
Wor-Wic		X	X	X			X	X
Four-Year Publics								
Bowie	X			X	X			
Coppin	X			X			X	
Frostburg	X		X		X	X		X
Salisbury	X				X		X	
Towson	X			X	X		X	
UB	X			X	X			
UMAB	X	X		X	X	X	X	
UMBC	X					X	X	

College	Joint Degree Programs	Articulation Programs	Distance Learning Partnerships	Shared Centers or Facilities	Joint Administrative Activities	Grant-funded Programs	K-12 Partnerships	Business/Gov't Programs
UMCP	X		X	X	X	X	X	
Four-Year Public Continued								
UMES	X			X	X	X	X	
UMUC	X			X	X	X		
Morgan				X		X	X	
St. Mary's				X	X			
Independent								
Capitol			X					
Goucher	X				X			
Hood		X		X				
Johns Hopkins	X				X	X	X	
Loyola	X			X	X			
Mount St. Mary's	X	X		X			X	
Notre Dame	X			X				
Villa Julie	X			X				
Washington Col.	X	X		X				
Western Maryland				X				
Private Career Schools								
Arundel Institute		X						
Broadcasting Institute		X						
Medix		X						